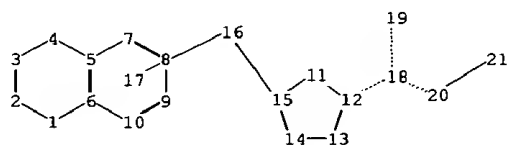
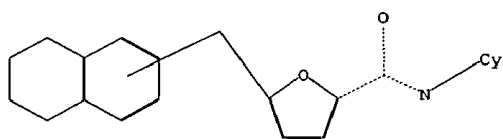


C:\STNEXP4\QUERIES\09763216.str



chain nodes :

16 18 19 20 21

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

12-18 15-16 18-19 18-20 20-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 11-12 11-15
12-13 13-14 14-15

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 11-12 11-15 12-13 12-18 13-14 14-15 18-19
18-20 20-21

exact bonds :

15-16

normalized bonds :

5-6 5-7 6-10 7-8 8-9 9-10

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS

Welcome to STN International! Enter x:x

LOGINID:
sssptal611hxl

LOGINID:

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and
IFIUDB			
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS			
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	28	Oct 21	EVENTLINE has been reloaded
NEWS EXPRESS			October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN

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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:53:50 ON 22 OCT 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 13:54:01 ON 22 OCT 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 OCT 2002 HIGHEST RN 463926-32-1

DICTIONARY FILE UPDATES: 21 OCT 2002 HIGHEST RN 463926-32-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09763216.str

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L1 STRUCTURE UPLOADED

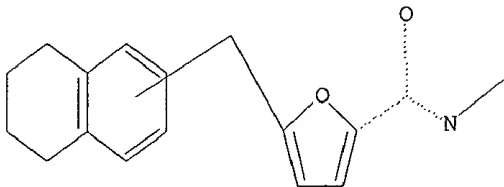
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:54:22 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 568 TO ITERATE

100.0% PROCESSED 568 ITERATIONS

27 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 9931 TO 12789

PROJECTED ANSWERS: 229 TO 851

L3 27 SEA SSS SAM L1

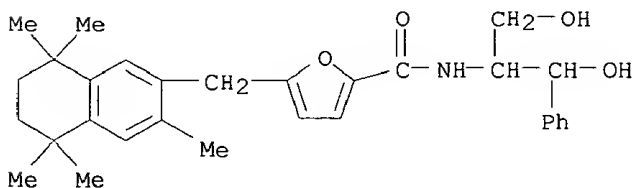
=> d scan

L3 27 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Furancarboxamide, N-[2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]-5-

[(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-naphthalenyl)methyl]- (9CI)

MF C30 H37 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09763216.str

L4 STRUCTURE UPLOADED

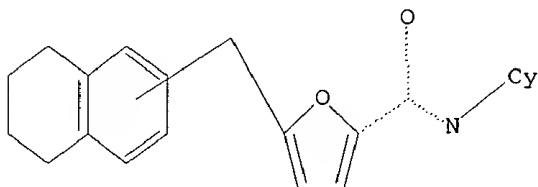
=> que L4

L5 QUE L4

=> d 14

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 13:55:33 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 689 TO ITERATE

100.0% PROCESSED 689 ITERATIONS

24 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 12206 TO 15354

PROJECTED ANSWERS: 187 TO 773

L6 24 SEA SSS SAM L4

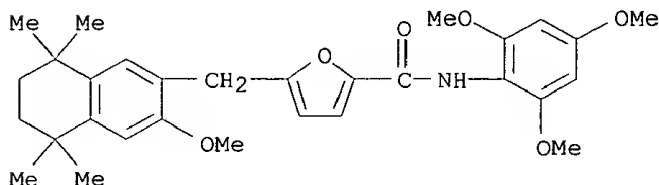
=> d scan

L6 24 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Furancarboxamide,

5-[(5,6,7,8-tetrahydro-3-methoxy-5,5,8,8-tetramethyl-2-

naphthalenyl)methyl]-N-(2,4,6-trimethoxyphenyl)- (9CI)
MF C30 H37 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 14 ful

FULL SEARCH INITIATED 13:55:48 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 12993 TO ITERATE

100.0% PROCESSED 12993 ITERATIONS
SEARCH TIME: 00.00.02

359 ANSWERS

L7 359 SEA SSS FUL L4

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

141.04

141.25

FILE 'CAPLUS' ENTERED AT 13:55:55 ON 22 OCT 2002

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FILE COVERS 1907 - 22 Oct 2002 VOL 137 ISS 17

FILE LAST UPDATED: 21 Oct 2002 (20021021/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 17

L8 2 L7

=> d ibib abs 1-

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L8 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:200606 CAPLUS

DOCUMENT NUMBER: 137:73535

TITLE: Effect of testosterone suppression on the pharmacokinetics of a potent GnRH receptor antagonist
AUTHOR(S): Iatsimirskaia, Eugenia A.; Gregory, Margaret L.; Anderes, Kenna L.; Castillo, Rosemary; Milgram, K. Eric; Luthin, David R.; Pathak, Ved P.; Christie, Lance C.; Vazir, Haresh; Anderson, Mark B.; May, John M.

CORPORATE SOURCE: Department of Pharmacokinetics, Dynamics & Metabolism,

Pfizer Global Research and Development / Agouron Pharmaceuticals, Inc., San Diego, CA, 92121, USA
SOURCE: Pharmaceutical Research (2002), 19(2), 202-208

CODEN: PHREEB; ISSN: 0724-8741

PUBLISHER: Kluwer Academic/Plenum Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The expression of cytochrome P 450 enzymes (CYPs) in animals and humans is

under complex hormonal regulation. Chronic treatment with drugs that alter sex hormone levels such as gonadotropin-releasing hormone (GnRH) receptor agonists or antagonists may affect the expression of hormone-dependent CYPs, and as a result the pharmacokinetics of drugs metabolized by them. Enzyme kinetic parameters were obtained by incubating the GnRH antagonist AG-045572 (0.1-30 μ M) with human or rat liver microsomes or expressed CYP3A4 and CYP3A5. The pharmacokinetics of AG-045572 (10 mg/kg i.v. or 20 mg/kg orally) were studied in intact male, female, and castrated male rats and in male rats pretreated with

AG-045572

for 4 days. AG-045572 is metabolized by CYP3A in both rats and humans. The K_m values were similar in male and female human liver microsomes, female rat liver microsomes, and expressed CYP3A4 and CYP3A5 (0.39, 0.27, 0.28, 0.25, and 0.26 μ M, resp.). The K_m in male rat liver microsomes was 1.5 μ M, suggesting that in male and female rats AG-045572 is metabolized by different CYP3A isoenzymes. The oral bioavailability of AG-045572 in intact male rats was 8%, while in female or castrated male rats it was 24%. Pretreatment of intact male rats with AG-045572 i.m.

for

4 days resulted in suppression of testosterone to castrate levels, accompanied by an increase in the oral bioavailability of AG-045572 to

Hong Liu

27%. In the same expt., the male-specific pulsatile pattern of growth hormone remained unchanged, with slightly elevated basal levels. The potent GnRH receptor antagonist AG-045572 is metabolized by hormone-dependent CYP3A. As a result, suppression of testosterone by pretreatment with AG-045572 "feminized" its own pharmacokinetics.

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:241135 CAPLUS

DOCUMENT NUMBER: 132:279106

TITLE: Non-peptide GnRH agents, methods and intermediates for

their preparation

INVENTOR(S): Anderson, Mark Brian; Vazir, Haresh N.; Luthin, David Robert; Paderes, Genevieve Deguzman; Pathak, Ved P.; Christie, Lance Christopher; Hong, Yufeng; Tompkins, Eileen Valenzuela; Li, Haitao; Faust, James

PATENT ASSIGNEE(S): Agouron Pharmaceuticals, Inc., USA; et al.

SOURCE: PCT Int. Appl., 444 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

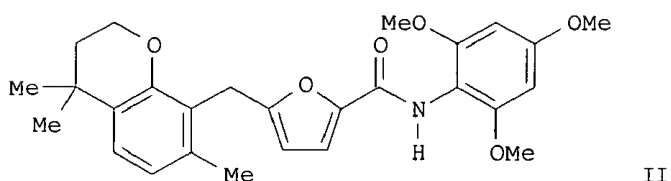
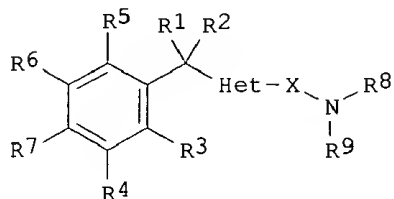
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000020358	A2	20000413	WO 1999-US18790	19990820
WO 2000020358	A3	20001116		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
BR 9913374	A	20010515	BR 1999-13374	19990820
EP 1105120	A2	20010613	EP 1999-968010	19990820
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
NO 2001000309	A	20010411	NO 2001-309	20010119
LV 12732	B	20020320	LV 2001-45	20010316
LT 4904	B	20020425	LT 2001-24	20010319
PRIORITY APPLN. INFO.:			US 1998-97520P	P 19980820
			WO 1999-US18790	W 19990820
OTHER SOURCE(S):	MARPAT 132:279106			
GI				

Hong Liu



AB Non-peptide GnRH agents capable of inhibiting the effect of gonadotropin-releasing hormone are described. The compds. and their pharmaceutically acceptable salts, multimers, prodrugs, and active metabolites are suitable for treating mammalian reproductive disorders and steroid hormone-dependent tumors as well as for regulating fertility, where suppression of gonadotropin release is indicated. The compds. include those of formula I [X = C:O, C:S, S:O, or SO₂; Het = 5-membered NOS-heterocycle; R₁, R₂ = H, alkyl; R₃-R₇ = H, halo, (un)substituted alkyl, aryl, heteroaryl, CH₂OR, OR, CO₂R; R = alkyl, aryl, etc.; adjacent rings positions such as R₆R₇ may form (un)substituted 5- or 6-membered ring with up to 4 heteroatoms; R₈ = lipophilic moiety such as alkyl, aryl, CH₂OR, OR, etc.; R₉ = H, (un)substituted alkyl]. Methods and intermediates for synthesizing the compds. are also described. For instance, 4,4,7-trimethylchroman (prepn. given) was alkylated in the 6- and 8-positions using Et 5-(chloromethyl)-2-furoate (46% total yield), and the resulting esters were hydrolyzed to a mixt. of acids. This unsepd. mixt. was treated with SOCl₂ and amidated with 2,4,6-trimethoxyphenylamine-HCl to give the invention compd. II and its chroman-6-position isomer, which were sepd. by HPLC. Several compds. exhibited high affinity (<100 nM) at human GnRH receptors. The compds. antagonized GnRH-stimulated inositol phosphate accumulation in cells with recombinant human GnRH receptors, and an example compd. reduced plasma LH levels in castrated male rats. Various biol. data for several hundred compds. are given.

=> d his

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(FILE 'HOME' ENTERED AT 13:53:50 ON 22 OCT 2002)

FILE 'REGISTRY' ENTERED AT 13:54:01 ON 22 OCT 2002

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 27 S L1
L4 STRUCTURE UPLOADED
L5 QUE L4
L6 24 S L4
L7 359 S L4 FUL

FILE 'CAPLUS' ENTERED AT 13:55:55 ON 22 OCT 2002

L8 2 S L7

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
6.16	147.41

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.24	-1.24

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STN INTERNATIONAL LOGOFF AT 13:58:31 ON 22 OCT 2002